INTERNATIONAL SEARCH REPORT

International application No.2, PCT/JP2004/009595

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	CATION OF SUBJECT MATTER G05B19/4097		*	
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ G05B19/18-19/46, B23Q15/00-15/28				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2004 Kokai Jitsuyo Shinan Koho 1971–2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
	VTS CONSIDERED TO BE RELEVANT		Delega (1. 1. 27	
Catégory*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
Y	JP 5-146943 A (Fanuc Ltd.), 15 June, 1993 (15.06.93), Par. Nos. [0016] to [0025] (Family: none)		1-6	
Υ · .	JP 2001-1230 A (Toyoda Machi 09 January, 2001 (09.01.01), Par. Nos. [0023] to [0052] (Family: none)	ne Works, Ltd.),	. 1-6	
Y	JP 7-230391 A (Hitachi, Ltd. 29 August, 1995 (29.08.95), Par. No. [0060] (Family: none)),	1-6	
C Frank and de	listed in the continuation of Pov C	See patent family annex.		
Further documents are listed in the continuation of Box C. * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 18 October, 2004 (18.10.04)		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family Date of mailing of the international search report 02 November, 2004 (02.11.04)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer		
Faccimile No		Telephone No.		